



Substitute PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

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<b>Substitute for form 1449/PTO (Modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/557,577		
		Filing Date	April 21, 2000		
		First Named Inventor	Kayyem		
		Group Art Unit	1631		
		Examiner Name	Marschel, A.H.		
Sheet	1	of	1	Attorney Docket Number	A-63761-5/RFT/RMS/RMK

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				
	A2				
	A3				
	A4				
	A5				
	A6				
	A7				
	A8				
	A9				
	A10				
	A11				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	B1					
	B2					
	B3					
	B4					
	B5					
	B6					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>6</sup>
AM	C1	Egholm, Peptide nucleic acids (PNA) Oligonucleotide Analogs with an Achiral Peptide Backbone J. Am. Chem. Soc. 114:1895 (1992)				
	C2	Meier, et. al., Petide Nucleic Acids (PNA) -Unusual properties of Nonionic oligonucleotide analogues, Chem. Int. Ed. Engl. 31:1008 (1992)				
	C3	Carlsson C, et. al., Screening for genetic mutations. Nature. 1996 Mar 21;380 (6571):207.				
	C4	Egholm et. al. PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules. Nature. 1993 Oct 7;365 (6446):566-8.				
	C5					

Examiner Signature	<i>Ardin Marschel</i>	Date Considered	8-22-03
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ETHAN WISENANT  
PRIMARY EXAMINER

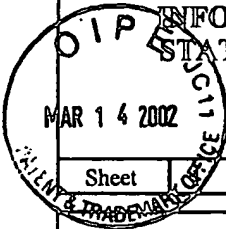
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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/557,577
		Filing Date	April 21, 2000
		First Named Inventor	FAIZ et al.
		Group Art Unit	1631
		Examiner Name	Marschel, A.
Attorney Docket Number	A-63761-5/RFT/RMS/RMK		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AM ✓	1	4,704,193		Bowers et al.	11/1987	
✓	2	4,787,963		MacConnell	11/1988	
✓	3	4,945,045		Forrest et al.	07/1990	
✓	4	5,089,112		Skotheim et al.	02/1992	
✓	5	5,180,968		Bruckenstein et al.	01/1993	
✓	6	5,242,828		Bergstrom et al.	09/1993	
✓	7	5,356,786		Heller et al.	10/1994	
✓	8	5,391,272		O'Daly et al.	02/1995	
✓	9	5,436,161		Bergstrom et al.	07/1995	
✓	10	5,443,701		Willner et al.	08/1995	
✓	11	5,632,957		Heller et al.	05/1997	
✓	12	5,700,667		Marble et al.	12/1997	
✓	13	5,795,453		Gilmartin	08/1998	
✓	14	5,837,859		Teoule et al.	11/1998	
✓	15	5,849,486		Heller et al.	12/1998	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
Am ✓	16	WO	85/05815		Genetics International, Inc.	03/1985	
✓	17	WO	97/31256	A3	Cornell Research Found.	08/1997	
✓	18	WO	97/41425	A1	Pence Inc.	11/1997	
✓	19	WO	90/05303	A1	Pharmacia AB	05/1990	
✓	20	WO	95/34816	A1	Pharmacia Biosensor AB	12/1995	

Examiner Signature	<i>Andin Marschel</i>	Date Considered	6-28-02
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ETHAN WHISENANT  
PRIMARY EXAMINER

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Substituted for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary) MAR 14 2000 OIP				Complete if Known Application Number 09/557,577 Filing Date April 21, 2000 First Named Inventor FAIZ, et al. Group Art Unit 1631 Examiner Name Marschel, A. Attorney Docket Number A-63761-S/RFT/RMS/RMK		TECH CENTRE
Sheet	2	of	3			

[illegible][illegible]

Examiner Signature	<i>Andin Manaster</i>	Date Considered	6-28-02
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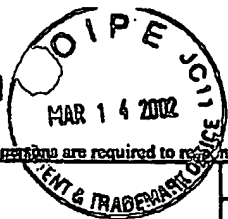
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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	3	of	3
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	<i>John M. ...</i>	Date Considered	6-28-02
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